

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) ~~A coated~~ An optical lens including with a coating varying substantially in thickness from its center to a radius proximate its edge but having substantially uniform color from its center to the radius proximate its edge comprising
an ophthalmic lens element having a curved surface with a curvature from the center to the radius proximate its edge corresponding to at least 6 D; and

[[a]] an antireflection coating on [[a]] the curved surface of the lens element exhibiting a ~~substantially balanced reflectance~~ a reflected color difference (ΔE) from the center to [[a]] the radius proximate the edge of the lens element of less than 11 CMC color difference units.

2. (Canceled)

3. (Currently amended) A coated optical lens according to claim [[2]] 1 wherein the lens element is of generally ovaline shape and ~~is located on the surface of a sphere whose radius of curvature~~ from the center to the radius proximate its edge corresponds to 11 D or above, ~~a toroid where the horizontal radius of curvature corresponds to 11 D or above, or a surface where the radius of curvature changes across at least one section of the lens aperture.~~

4. (Canceled)

5. (Currently amended) A coated optical lens according to claim ~~[[4]]~~ 1 wherein the coating exhibits a substantially low photopic reflectance in the red to infrared wave length range of approximately 620 to 880nm.

6. (Original) A coated optical lens according to claim 5 wherein the substantially low photopic reflectance is less than approximately 3%.

7.-8. (Canceled)

9. (Currently amended) A coated optical lens according to claim ~~[[8]]~~ 40 wherein the coating exhibits a reflected ~~colour~~ color difference (ΔE) from the ~~centre~~ center to a radius of approximately 20 mm on the lens surface of from approximately 11 to 20 CMC ~~colour~~ color difference units.

10. (Currently amended) A coated optical lens according to claim 6 wherein the coating exhibits a substantially uniform appearance from the ~~centre to a~~ center to the radius proximate the edge of the lens element.

11. (Currently amended) A coated optical lens according to claim ~~[[10]]~~ 1 wherein, in use, the coating exhibits a reflected ~~colour~~ color difference from the ~~centre~~

center to a radius of approximately 20 mm on the lens surface of less than approximately 11 CMC ~~colour~~ color difference units or less.

12.-14. (Canceled)

15. (Currently amended) A mirror coated optical lens according to claim ~~[[14]]~~ 41 wherein, in use, the coating exhibits a reflected ~~colour~~ color difference from the ~~centre~~ center to a radius of approximately 20 mm on the lens surface of ~~less than~~ approximately 11 to 20 CMC ~~colour~~ color difference units.

16. (Currently amended) A coated optical lens according to claim 1 which coating includes a plurality of layers, the thickness and/or number of which are selected to provide ~~[[a]]~~ the substantially ~~balanced reflectance~~ uniform color in response to visual effects generated by variations in thickness of the coating.

17. (Original) A coated optical lens according to claim 16 including a plurality of layers of differing refractive index wherein the thickness and/or number of the respective layers are selected to balance the variation of any combination of reflectance lightness, hue and chroma.

18. (Currently amended) A coated optical lens according to claim 17 where the ~~layers of differing refractive index are formed from a dielectric material selected from one~~

or more of Al_2O_3 , BaTiO_3 , Bi_2O_3 , B_2O_3 , CeO_2 , Cr_2O_3 , Ga_2O_3 , GeO_2 , Fe_2O_3 , HfO_2 , In_2O_3 , Indium-tin oxide, La_2O_3 , MgO , Nd_2O_3 , Nb_2O_5 , Pr_2O_3 , Sb_2O_3 , Sc_2O_3 , SiO , SiO_2 , SnO_2 , Ta_2O_5 , TiO , TiO_2 , TiO_3 , WO_3 , Y_2O_3 , Yb_2O_3 , ZnO , ZrO_2 , AlF_3 , BaF_2 , CaF_2 , CdF_2 , CeF_3 , HfF_4 , LaF_3 , LiF , MgF_2 , NaF , Na_3AlF_6 , ~~$\text{Na}_5\text{Al}_3\text{F}_{14}$~~ , $\text{Na}_5\text{Al}_3\text{F}_{14}$, NdF_3 , PbF_2 , PrF_3 , SrF_2 , ThF_4 , ZrF_4 , Si_3N_4 , AlN , diamond-like carbon, polymeric dielectric materials or doped dielectric materials.

19. (Original) A coated optical lens according to claim 18 wherein the lower index layers include a silica (SiO_2) or magnesium fluoride (MgF_2) material.

20. (Original) A coated optical lens according to claim 19 wherein the higher refractive index layer(s) exhibit a refractive index of approximately 2.0 or greater.

21. (Original) A coated optical lens according to claim 20 wherein the higher refractive index layer(s) include a titanium oxide (TiO_2) layer or a combination of titanium oxide (TiO_2) and praseodymium oxide (Pr_2O_3).

22. (Original) A coated optical lens according to claim 21 including four to six alternating higher and lower refractive index layers of silica (SiO_2) and a titanium oxide (TiO_2) layer or a combination of titanium oxide (TiO_2) and praseodymium oxide (Pr_2O_3).

23. (Original) A coated optical lens according to claim 16 wherein the coating is formed of a plurality of dielectric and metallic layers wherein the thickness and/or number of the respective layers are selected to balance the variation of any combination of reflected lightness, hue and chroma.

24. (Currently amended) A coated optical lens according to claim 23 wherein the dielectric layer(s) is formed from a dielectric material selected from one or more of Al_2O_3 , BaTiO_3 , Bi_2O_3 , B_2O_3 , CeO_2 , Cr_2O_3 , Ga_2O_3 , GeO_2 , Fe_2O_3 , HfO_2 , In_2O_3 , Indium-tin oxide, La_2O_3 , MgO , Nd_2O_3 , Nb_2O_5 , Pr_2O_3 , Sb_2O_3 , Sc_2O_3 , SiO , SiO_2 , SnO_2 , Ta_2O_5 , TiO , TiO_2 , TiO_3 , WO_3 , Y_2O_3 , Yb_2O_3 , ZnO , ZrO_2 , AlF_3 , BaF_2 , CaF_2 , CdF_2 , CeF_3 , HfF_4 , LaF_3 , LiF , MgF_2 , NaF , Na_3AlF_6 , ~~$\text{Na}_5\text{Al}_3\text{F}_{14}$~~ , $\text{Na}_5\text{Al}_3\text{F}_{14}$, NdF_3 , PbF_2 , PrF_3 , SrF_2 , ThF_4 , ZrF_4 , Si_3N_4 , AlN , or diamond-like carbon, polymeric dielectric materials or doped dielectric materials; and the metallic layer(s) is formed from a metallic material selected from the metals, metal oxides or metal nitrides of one or more of ~~Aluminium~~ Aluminum (Al), Chromium (Cr), Niobium (Nb), Nickel (Ni), Palladium (Pd), Tin (Sn), Tantalum (Ta), Titanium (Ti), Tungsten (W), or Zirconium (Zr).

25. (Original) A coated optical lens according to claim 23, wherein the coating is a light absorbing asymmetric reflectance coating such that from the wearer's side of the lens element the coating is anti-reflective.

26.-28. (Canceled)

29. (Currently amended) A multi-coated optical lens with a coating varying substantially in thickness from center to edge but having a substantially uniform color from center to edge including

an ophthalmic lens element having a curved surface with a curvature from the center to a radius proximate its edge which corresponds to at least 6 D;

a first coating on the front surface of the lens element; and

a secondary coating on the back surface of the lens element; the first and second coatings in combination exhibiting ~~a substantially balanced reflectance~~ a reflected color difference (ΔE) from the center to [[a]] the radius proximate the edge of the lens element of less than 11 CMC color difference units.

30. (Original) A multi-coated optical lens according to Claim 29, wherein the secondary coating functions to reduce optical aberrations generated by the first coating.

31. (Original) A multi-coated optical lens according to Claim 30, wherein the secondary coating exhibits a difference in reflected brightness or hue relative to the first coating.

32. (Original) A multi-coated optical lens according to Claim 30, wherein the secondary coating exhibits a reflectance peak which is spectrally displaced with respect to a reflectance peak of the first coating.

33.-39. (Canceled)

40. (New) An optical lens with a coating varying substantially in thickness from center to edge and having a visible, balanced change in color from center to edge comprising:

an ophthalmic lens element having a curved surface with a base curvature from the center to a radius proximate its edge corresponding to at least 6 D; and

an antireflection coating on the curved surface of the lens element exhibiting a reflected color difference (ΔE) from the center to the radius proximate its edge from approximately 11 to 20 CMC color difference units, wherein the color difference is balanced by a complementary reduction in luminous intensity.

41. (New) A mirror-coated optical lens wherein the coating exhibits a substantial variation in thickness from center to edge but has substantially uniform color from center to edge comprising:

an optical lens element having a curved surface with a base curvature from the center to a radius proximate its edge corresponding to at least 11 D; and

a mirror coating on the curved surface of the lens element exhibiting a reflected color difference (ΔE) from its center to the radius proximate its edge of less than 11 CMC color difference units.

42. (New) A coated optical lens of claim 1, wherein the coating varies by at least 20% in thickness from its center to the radius proximate its edge.

43. (New) A coated optical lens of claim 29, wherein at least one of the first and secondary coatings varies by at least 20% in thickness from its center to the radius proximate its edge.

44. (New) A coated optical lens of claim 40, wherein the coating varies by at least 20% in thickness from center to edge.

45. (New) A coated optical lens of claim 41, wherein the coating varies by at least 20% in thickness from center to edge.